

# BookletChart™

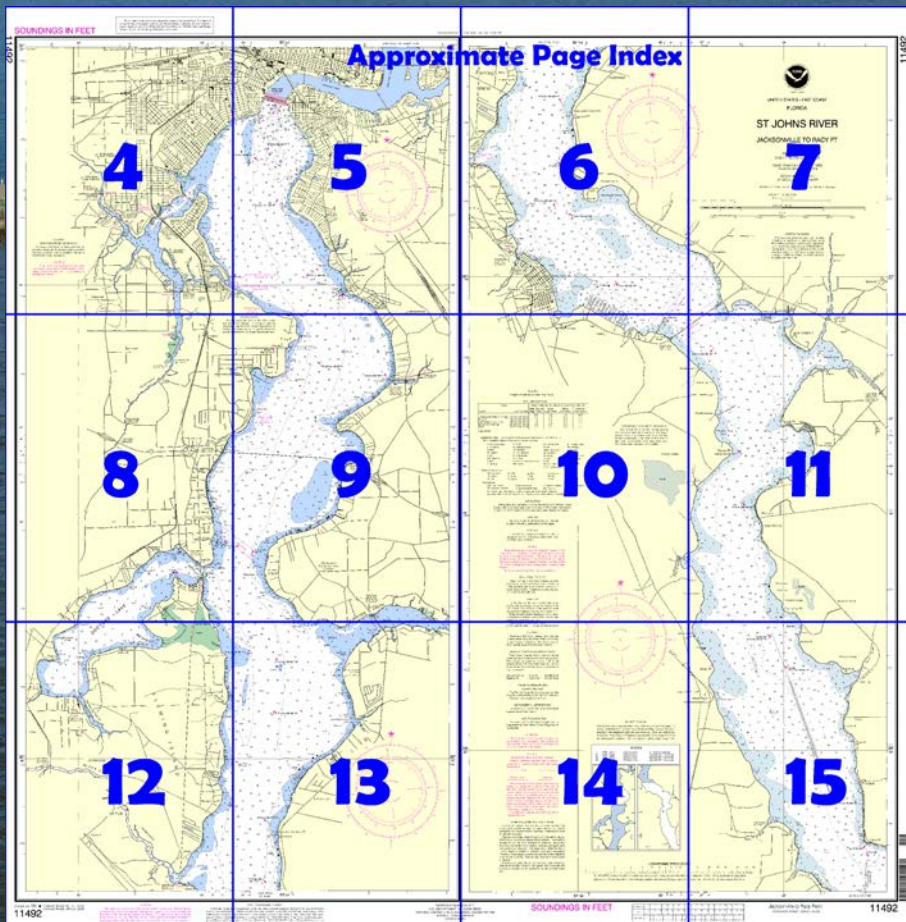


## ***St. Johns River – Jacksonville to Racy Point*** **NOAA Chart 11492**

***A reduced-scale NOAA nautical chart for small boaters***  
***When possible, use the full-size NOAA chart for navigation.***



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



**Published by the**  
**National Oceanic and Atmospheric Administration**  
**National Ocean Service**  
**Office of Coast Survey**  
[www.NauticalCharts.NOAA.gov](http://www.NauticalCharts.NOAA.gov)  
**888-990-NOAA**

### What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

### What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

### Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=11492>.



#### (Selected Excerpts from Coast Pilot)

**St. Johns River**, the largest in eastern Florida, is about 248 miles long and is an unusual major river in that it flows from south to north over most of its length. It rises in the St. Johns Marshes near the Atlantic coast below latitude 28°00'N., flows in a northerly direction, and empties into the sea north of St. Johns River Light in latitude 30°24'N. The river is the approach to the city of Jacksonville and a number of towns near its shores. Some of these places

are winter resorts while others are centers of farming districts and citrus groves. Deep-draft vessels go as far as just below the Main Street Bridge. Many pleasure craft navigate this part of the river, usually going only as

far as Sanford, though small boats have navigated the river as far as Lake Washington, 188 miles south of Jacksonville.

**Intracoastal Waterway.**—The Intracoastal Waterway crosses the St. Johns River at nearly right angles about 5 miles above the mouth, at about 30°23.1'N., 81°27.8'W.

**Jacksonville** has expanded by consolidation to include most of Duval County and is now the largest city in the United States in terms of area; its extent along the St. Johns River is from the ocean to the town of Orange Park on the west side of the river and to Julington Creek on the east side. Most of the marine terminals are on the west side of the river about 21 miles above the entrance, just above the point where the river first turns southward. The deepwater port is the largest on the east coast of Florida. It is a major southeastern bulk-handling, distribution, and railroad center. Both general and bulk cargoes are handled, and Jacksonville is a leading southeastern container port. The principal exports are paper products, phosphate rock, fertilizers, chemicals, citrus products, naval stores, tallow, clay, scrap metal, feed, and general cargo. The principal imports are petroleum products, coffee, iron and steel products, limestone, pulpwood, cement, automobiles, lumber, chemicals, alcoholic beverages, and general cargo.

**Caution.**—Navigators should bear in mind the prevailing northerly current in this area, which is felt until well inside the 10-fathom curve, except with northeasterly or northerly winds.

**North Atlantic Right Whales.**—Approaches to the St. Johns River entrance lie within designated critical habitat for endangered North Atlantic right whales (see **50 CFR 226.203(c)**, chapter 2.) The area is a calving ground from generally November 15 through April 15. It is illegal to approach right whales closer than 500 yards. (See **50 CFR 224.103(c)**, chapter 2, for limits, regulations, and exceptions.) **Recommended two-way Whale Avoidance Routes** have been established in the approach to the St. Johns River entrance to reduce the likelihood of ship strikes of endangered North Atlantic right whales. All vessels are encouraged to use recommended routes when traveling into or out of the port of Jacksonville. (See **North Atlantic right whales**, indexed as such, in chapter 3 for more information on right whales and recommended measures to avoid collisions.)

All vessels 65 feet or greater in length overall (L.O.A.) and subject to the jurisdiction of the United States are restricted to speeds of 10 knots or less in the Southeastern United States Seasonal Management Area between November 15 and April 15. The area is defined as the waters bounded to the north by 31°27'N., to the south by 29°45'N., and to the east by 80°51.6'W. (See **50 CFR 224.105** in chapter 2 for regulations, limitations, and exceptions.)

**St. Johns Light** (30°23'10"N., 81°23'53"W.) is shown from a white square tower on the beach about 1 mile south of St. Johns River north jetty. A tower at Jacksonville Beach and a red and white checkered water tank at Mayport Naval Station are prominent off the entrance, and water tanks are prominent along the beaches to the southward.

Four areas in the St. Johns River are considered to be particularly troublesome. These areas are listed in order of ascension when proceeding from sea. Vessels should make every effort to avoid meeting at these areas, and should give Security calls on VHF-FM channel 13 (165.65 MHz) 15 minutes prior to arriving at any one of these areas. The vessel with the fair current should initiate a proposal for meeting or passing and the vessel stemming the current should hold as necessary.

### U.S. Coast Guard Rescue Coordination Center 24 hour Regional Contact for Emergencies

RCC Miami

Commander  
7th CG District  
Miami, FL

(305) 415-6800



# Table of Selected Chart Notes

Corrected through NM Jul. 01/06  
Corrected through LNM Jun. 20/06

## HEIGHTS

Heights in feet above Mean High Water.

## RACING BUOYS

Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not all listed in the U.S. Coast Guard Light List.

## HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.869' northward and 0.673' eastward to agree with this chart.

## CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

## AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

## CAUTION

Numerous fish traps, stakes, and piles are located within the area of this chart; some may be submerged. Small craft should use caution when operating outside the main channel.

## CAUTION

### BASCULE BRIDGE CLEARANCES

For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

## CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

## WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

## PLANE COORDINATE GRID (based on NAD 1927)

The Florida State Grid is indicated on this chart by dashed ticks at 10,000 foot intervals. The last three digits are omitted.

## NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Jacksonville, FL	KHB-39	162.550 MHz
Palm Bay, FL	WNG-522	162.425 MHz

## POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

## FISHING AND HUNTING STRUCTURES

Uncharted fish and wildlife harvesting devices and structures such as fish traps, pound nets, crab traps, and duck blinds, some submerged, may exist in the area of this chart, particularly in the near shore area. Mariners should proceed with caution.

## CAUTION

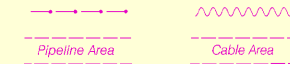
Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117. Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:  
○ (Accurate location)    ◌ (Approximate location)

## CAUTION

### SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:



Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

## HURRICANES AND TROPICAL STORMS

Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, aids to navigation and moored vessels, resulting in submerged debris in unknown locations.

Charted soundings, channel depths and shoreline may not reflect actual conditions following these storms. Fixed aids to navigation may have been damaged or destroyed. Buoys may have been moved from their charted positions, damaged, sunk, extinguished or otherwise made inoperative. Mariners should not rely upon the position or operation of an aid to navigation. Wrecks and submerged obstructions may have been displaced from charted locations. Pipelines may have become uncovered or moved.

Mariners are urged to exercise extreme caution and are requested to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard unit.

## SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

## AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, U.S. Coast Guard, and National Geospatial-Intelligence Agency.

## ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	IQ interrupted quick	N nun	Rot rotating
B black	Is isophase	OBSC obscured	s seconds
Bn beacon	LT HO lighthouse	Oc occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
DIA diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHS whistle
		R Bn radiobeacon	Y yellow

### Bottom characteristics:

Bds boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

### Miscellaneous:

AUTH authorized	Obstr obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	

2L Wreck, rock, obstruction, or shoal swept clear to the depth indicated.  
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

## TIDAL INFORMATION

Place	(LAT/LONG)	Height referred to datum of soundings (MLLW)			
		Mean Higher High Water	Mean High Water	Mean Low Water	Extreme Low Water
Jacksonville, Main St. bridge	(30°19'N/81°40'W)	2.0	1.9	0.1	--- feet
Piney Pt	(30°14'N/81°40'W)	1.0	0.9	0.0	--- feet
I-295 Bridge (west end)	(30°12'N/81°42'W)	1.0	1.0	0.1	--- feet
Green Cove Springs	(29°59'N/81°40'W)	0.9	0.8	0.0	--- feet
Tecol	(29°52'N/81°33'W)	1.1	1.0	0.0	--- feet

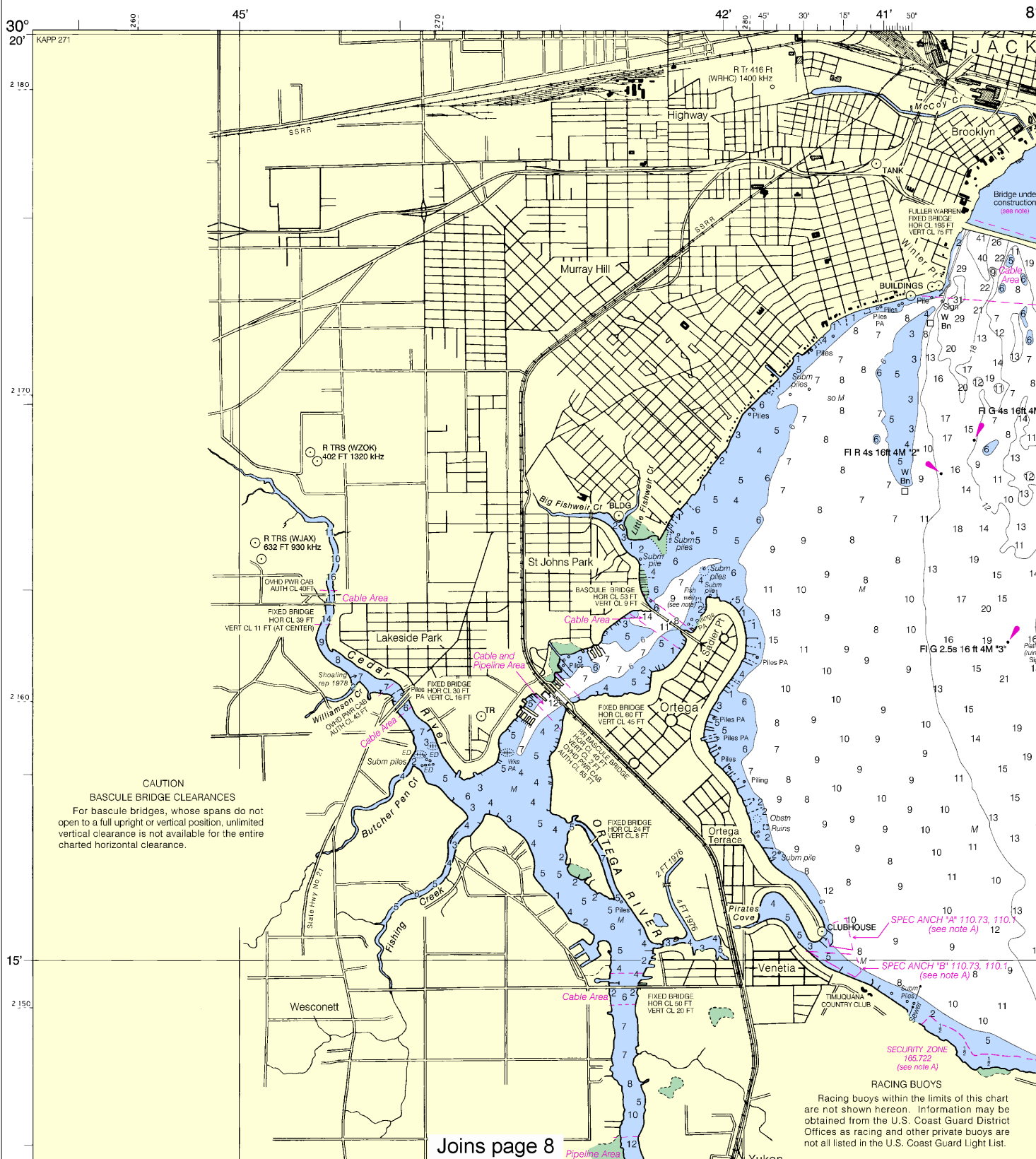
(May 2006)

# SOUNDINGS IN FEET

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

11492

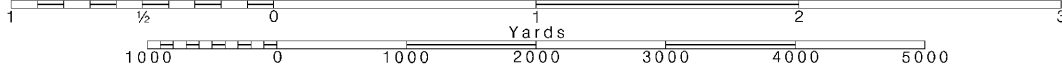
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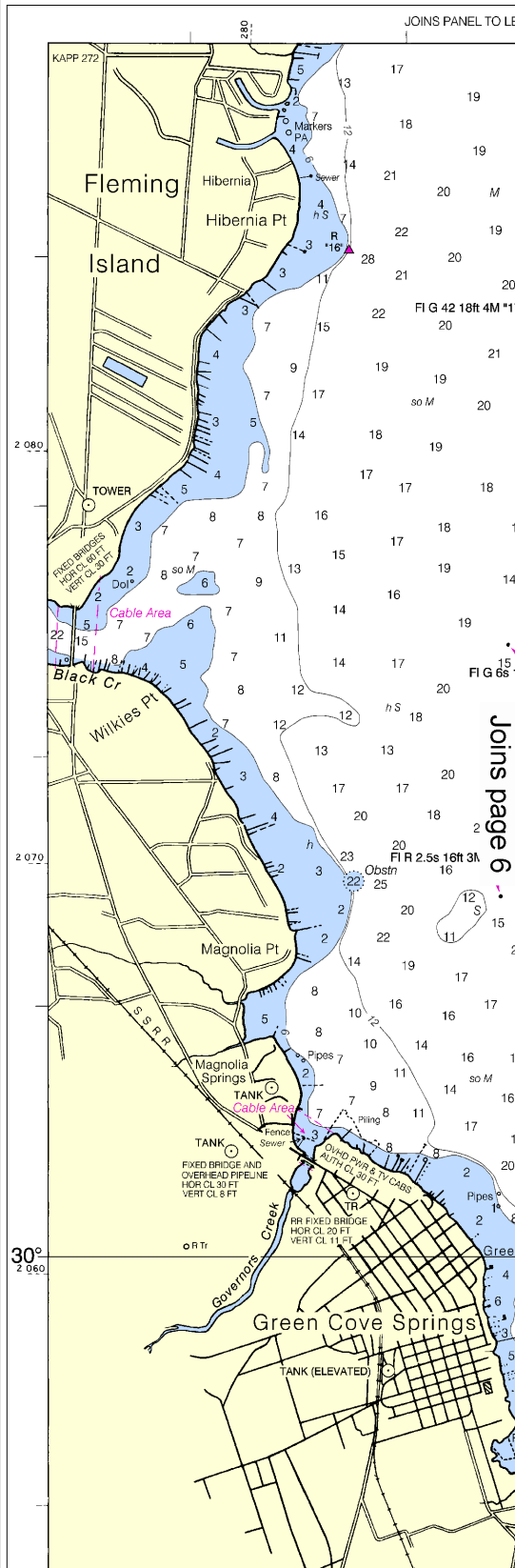
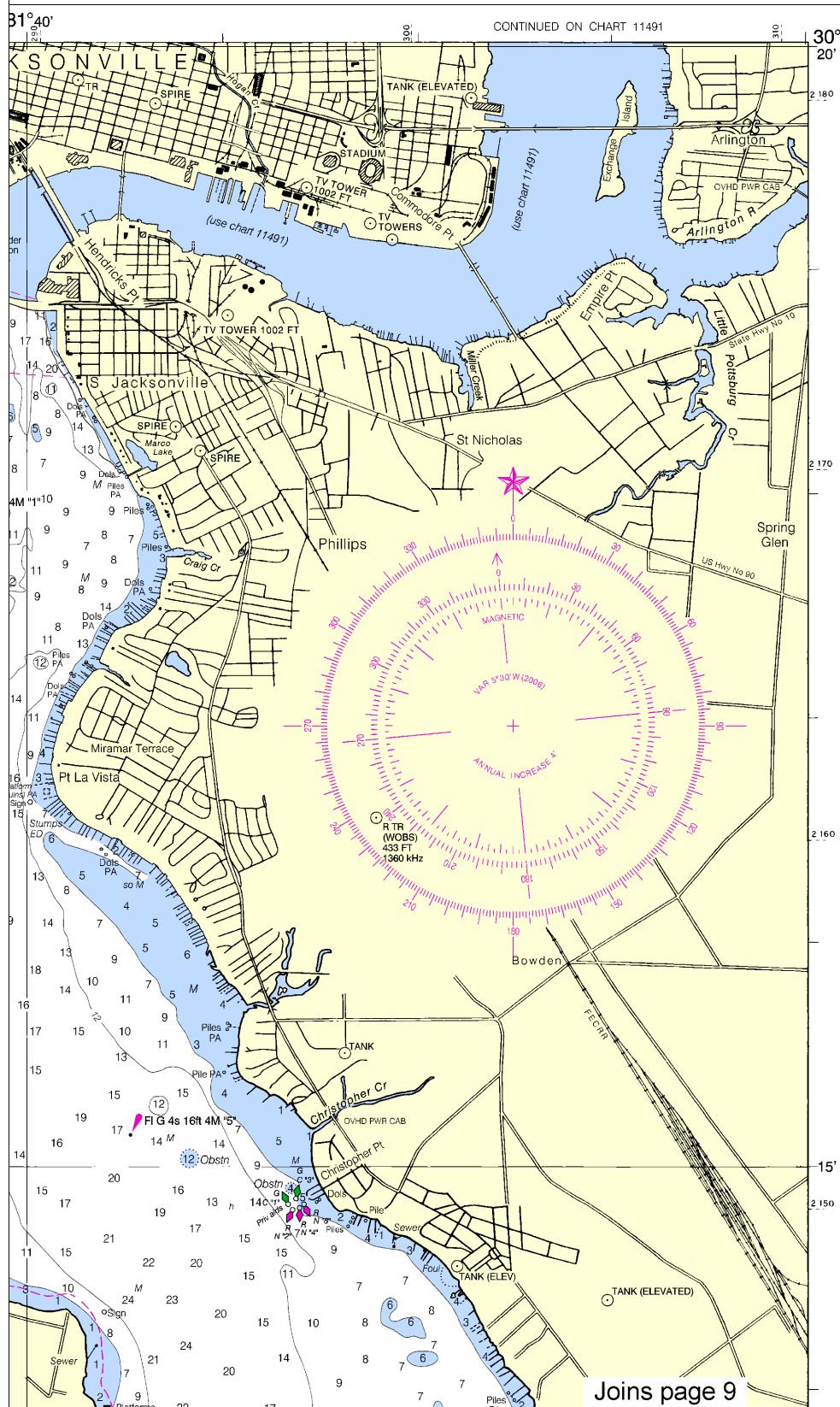
Printed at reduced scale.

SCALE 1:40,000  
 Nautical Miles

See Note on page 5.



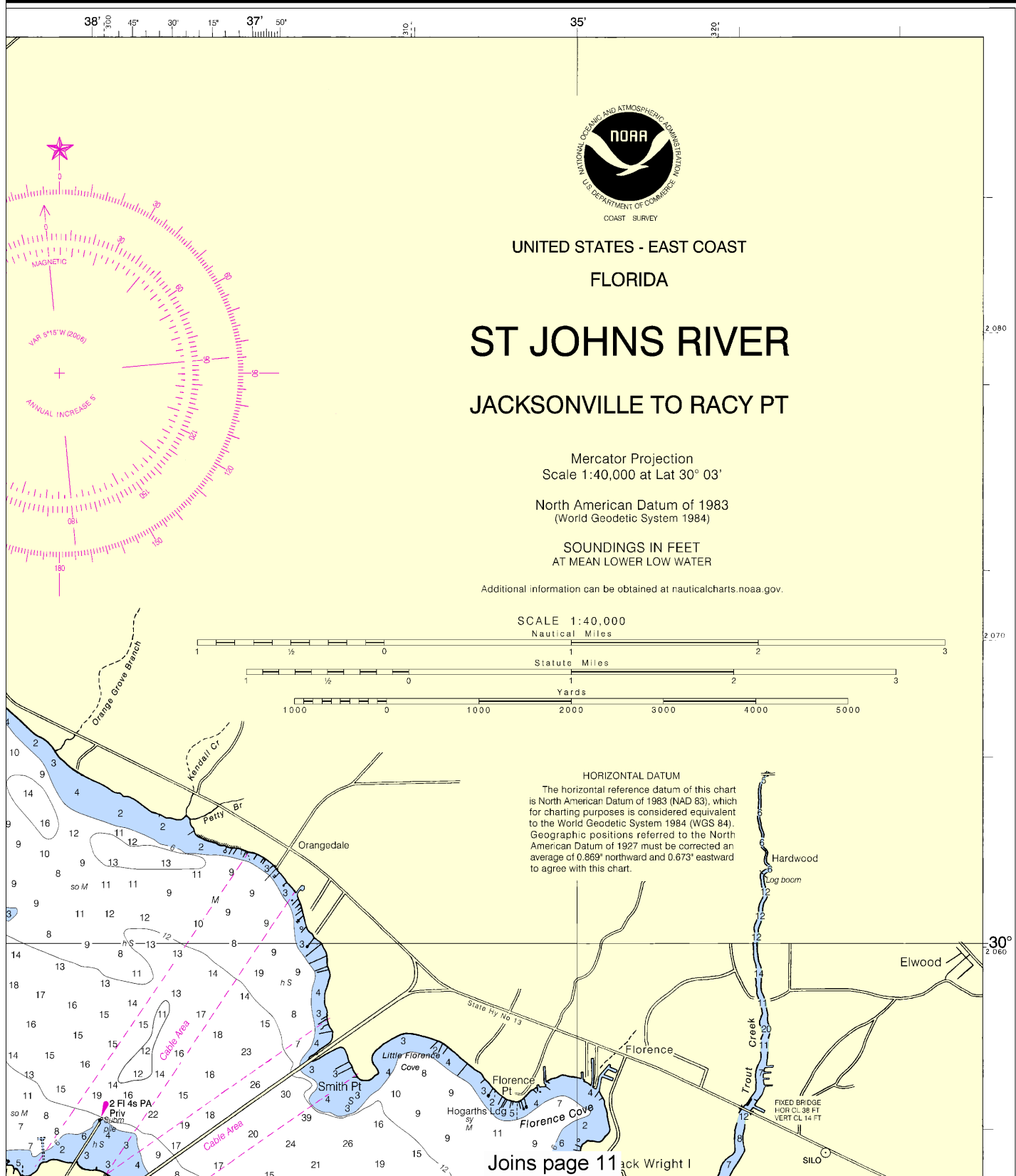
Note: Chart grid lines are aligned with true north.



This BookletChart was reduced to 75% of the original chart scale.  
The new scale is 1:53333. Barscales have also been reduced and  
are accurate when used to measure distances in this BookletChart.



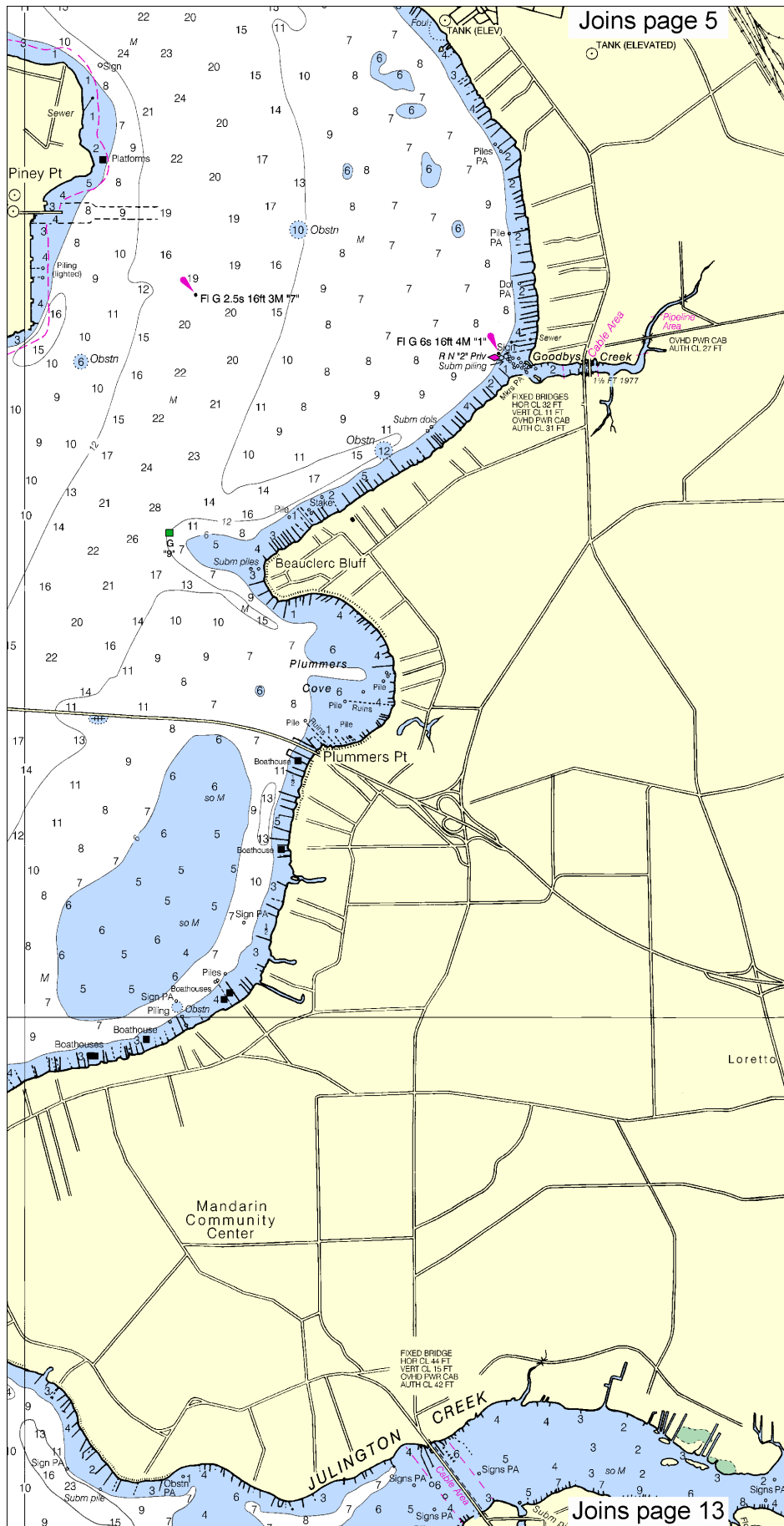




This BookletChart has been updated through: Coast Guard Local Notice To Mariners: 4612 11/13/2012,  
NGA Weekly Notice to Mariners: 4712 11/24/2012,  
Canadian Coast Guard Notice to Mariners: n/a.







2 050

57'

45'

2 040

30'

15'

56'

50'

55'

2 030

2 020

Heights

Heights in feet above Mean High Water.

TIDAL INFORMATION

Name	Place (LAT/LONG)	Height referred to datum	
		Mean Higher High Water	Mean High Water
Jacksonville, Main St. bridge	(30°19'N/81°40'W)	2.0 feet	1.9 feet
Piney Pt	(30°14'N/81°40'W)	1.0	0.9
I-295 Bridge (west end)	(30°12'N/81°42'W)	1.0	1.0
Green Cove Springs	(29°59'N/81°40'W)	0.9	0.8
Tocco	(29°52'N/81°33'W)	1.1	1.0

(May 2006)

ABBREVIATIONS

(For complete list of Symbols and Abbreviations, see Chart No. 1)

Aids to Navigation (lights are white unless otherwise indicated)

AERO aeronautical	G green	Mo. moose code
Al alternating	IQ interrupted quick	N nun
B black	ISO isophase	OBSC obscure
Bn beacon	LT HO lighthouse	OC occulting
C can	M nautical mile	Or orange
DIA diaphone	m minutes	Q quick
F fixed	MICRO TR microwave tower	R red
Fl flashing	Mkr marker	Ra Ref radar
		R Bn radiobeacon

Bottom characteristics:

Bds boulders	Co coral	gy gray	Oys oysters
bk broken	G gravel	h hard	Rk rocks
Cy clay	Grs grass	M mud	S s

Miscellaneous:

AUTH authorized	Obstr obstruction	PD posit
ED existence doubtful	PA position approximate	Rep repr
(1) Wreck, rock, obstruction, or shoal swept clear to the depth indicated		
(2) Rocks that cover and uncover, with heights in feet above datum		

AUTHORITIES

Hydrography and topography by the National Ocean Survey, with additional data from the Corps of Engineers Survey, U.S. Coast Guard, and National Geospatial-Intelligence Agency.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

NOTE A

Navigation regulations are published in Chapter 4 of the Notice to Mariners. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning regulations may be obtained at the Office of the Commandant, 7th Coast Guard District in Miami, Florida, or at the Office of the District Engineer, Corps of Engineers in Jacksonville, Florida.

Refer to charted regulation section numbers.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

CAUTION

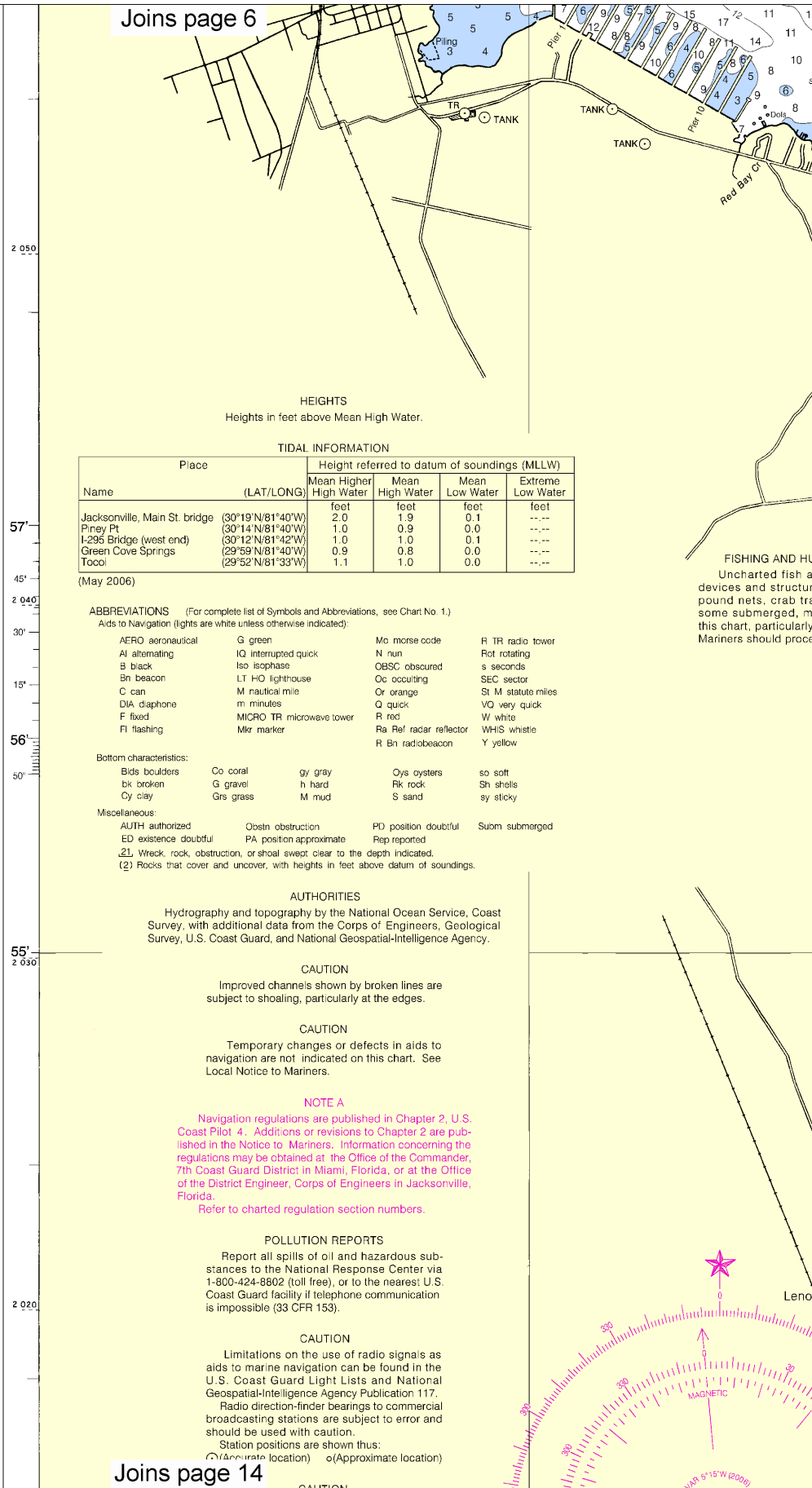
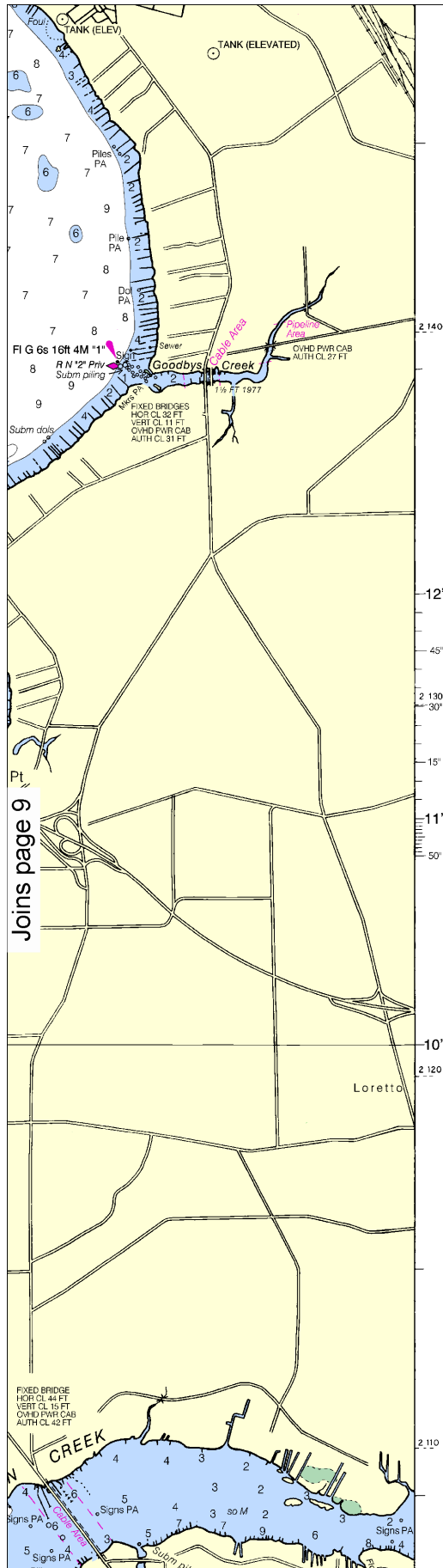
Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:

○ (Accurate location)    ◐ (Approximate location)

CAUTION



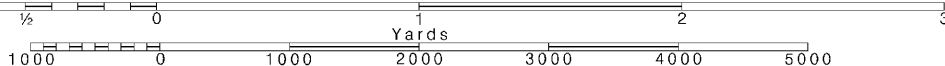
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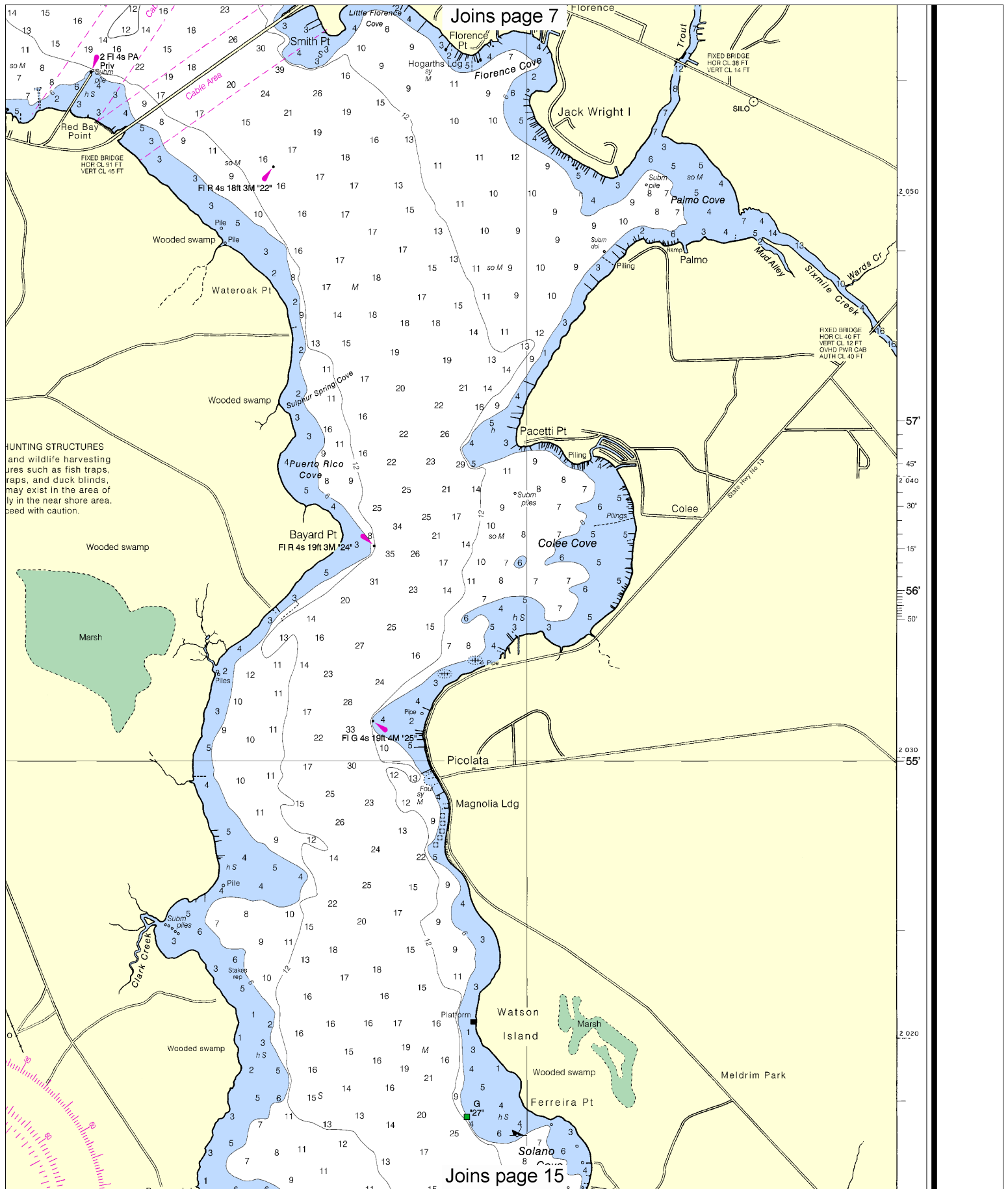
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

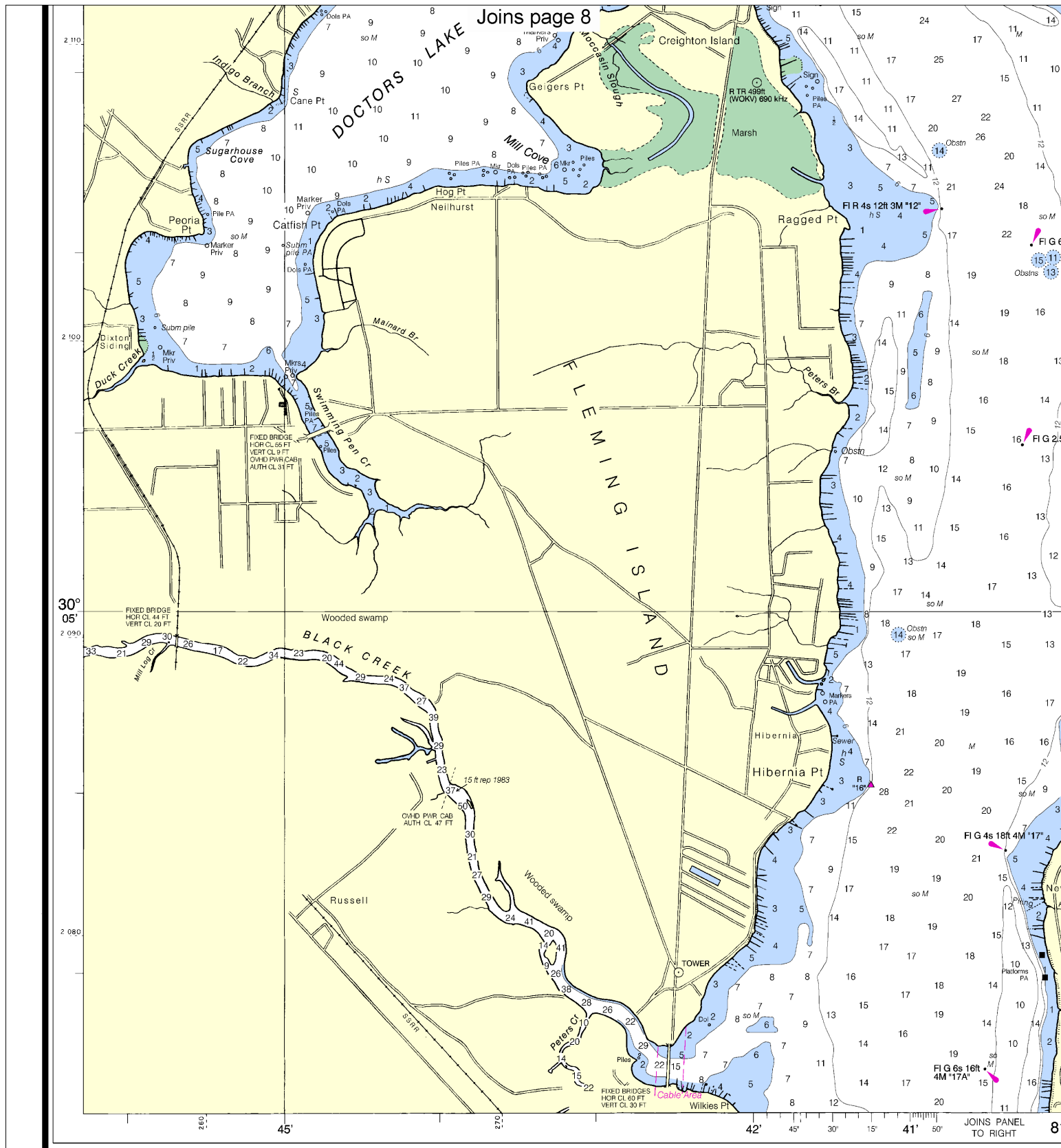
SCALE 1:40,000  
Nautical Miles

See Note on page 5.









21st Ed., Jul. /06 ■ Corrected through NM Jul. 01/06  
 Corrected through LNM Jun. 20/06

11492

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at [nauticalcharts.noaa.gov](http://nauticalcharts.noaa.gov).

PRINT-ON-DEMAND CHARTS

NOAA and its partner, OceanGrafix, offer this chart updated web and critical corrections. Charts are printed when ordered using 1 Editions are available 5-8 weeks before their release as traditional about Print-on-Demand charts or contact NOAA at 1-800-584 help@NauticalCharts.gov, or OceanGrafix at 1-877-56CHA help@OceanGrafix.com.

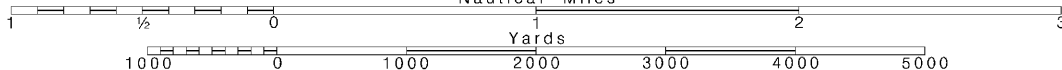
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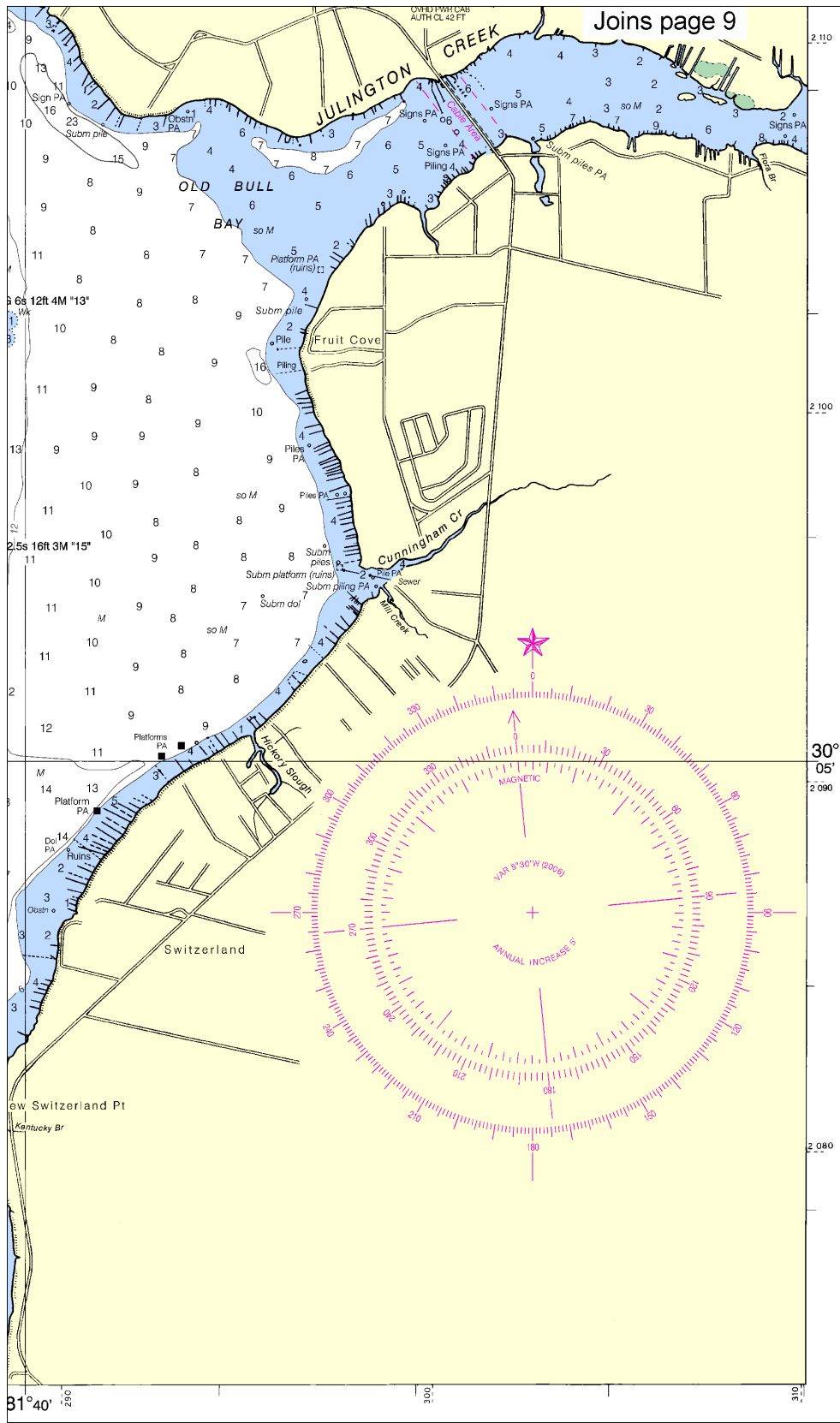
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 Nautical Miles

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**CAUTION**  
 Numerous fish traps, stakes, and piles are located within the area of this chart; some may be submerged. Small craft should use caution when operating outside the main channel.

**NOAA WEATHER RADIO BROADCASTS**  
 The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Jacksonville, FL	KHB-39	162.550 MHz
Palatka, FL	WNG-522	162.425 MHz

**PLANE COORDINATE GRID**  
 (based on NAD 1927)  
 The Florida State Grid is indicated on this chart by dashed ticks at 10,000 foot intervals. The last three digits are omitted.

**SUPPLEMENTAL INFORMATION**  
 Consult U.S. Coast Pilot 4 for important supplemental information.

**AIDS TO NAVIGATION**  
 Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

**WARNING**  
 The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

**CAUTION**  
**SUBMARINE PIPELINES AND CABLES**  
 Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Pipeline Area  
 Cable Area

Additional uncharted submarine pipeline and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried. Those that were originally buried may become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling. Covered wells may be marked by lighted or unlighted buoys.

**HURRICANES AND TROPICAL STORMS**  
 Hurricanes, tropical storms and other major storms cause considerable damage to marine structures, navigation and moored vessels, resulting in submerged in unknown locations.

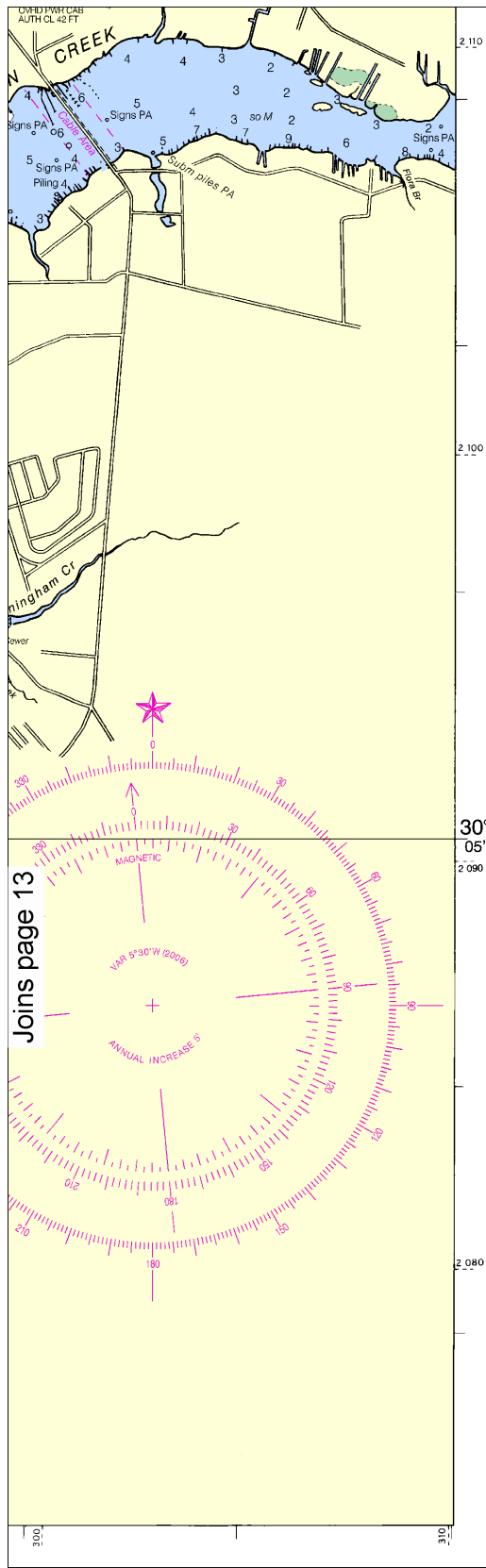
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Mariners are urged to exercise extreme caution and requested to report aids to navigation discrepancies or hazards to navigation to the nearest United States Coast Guard unit.

Published by NOAA for Notices to Mariners. Printed on Demand technology. New NOAA charts. Ask your chart agent 4-4683, <http://NauticalCharts.gov>, HART, <http://OceanGrafix.com>, or

Published at Washington, D.C.  
 U.S. DEPARTMENT OF COMMERCE  
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
 NATIONAL OCEAN SERVICE  
 COAST SURVEY

**SOUND**



## Joins page 10

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(based on NAD 1927)

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### AIDS TO NAVIGATION

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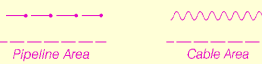
### WARNING

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### CAUTION

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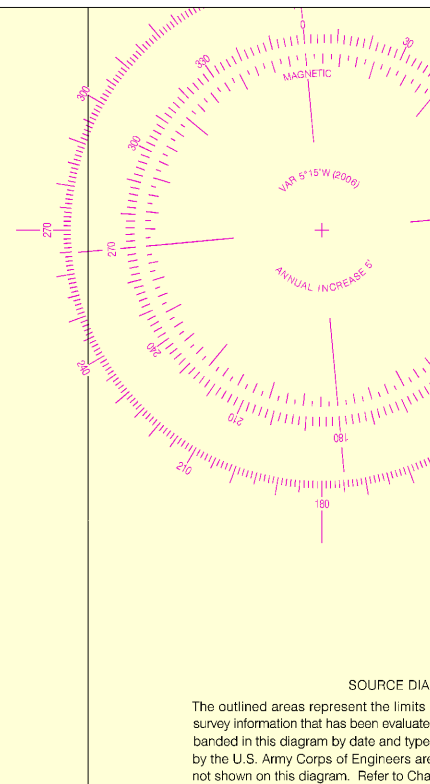
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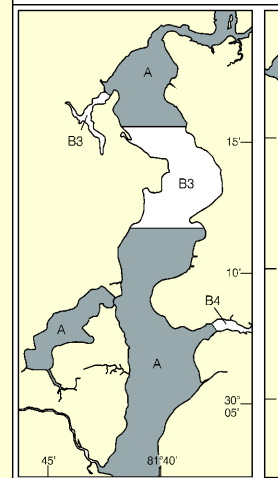


### SOURCE DATA

The outlined areas represent the limits of survey information that has been evaluated and banded in this diagram by date and type of survey. The U.S. Army Corps of Engineers are not shown on this diagram. Refer to Chap

### SOURCE

A	1990 - 2004	NOS Surveys
B1	1990 - 2006	NOS Surveys
B3	1940 - 1969	NOS Surveys
B4	1900 - 1939	NOS Surveys



To find SPEED, place one point of dividers at right point on 60 and left point will then indicate

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 U.S. DEPARTMENT OF COMMERCE  
 NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
 NATIONAL OCEAN SERVICE  
 COAST SURVEY

# SOUNDINGS IN FEET

FATHOMS  
 FEET  
 METERS

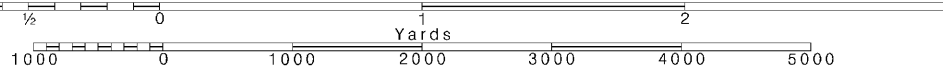
# 14

Note: Chart grid lines are aligned with true north.

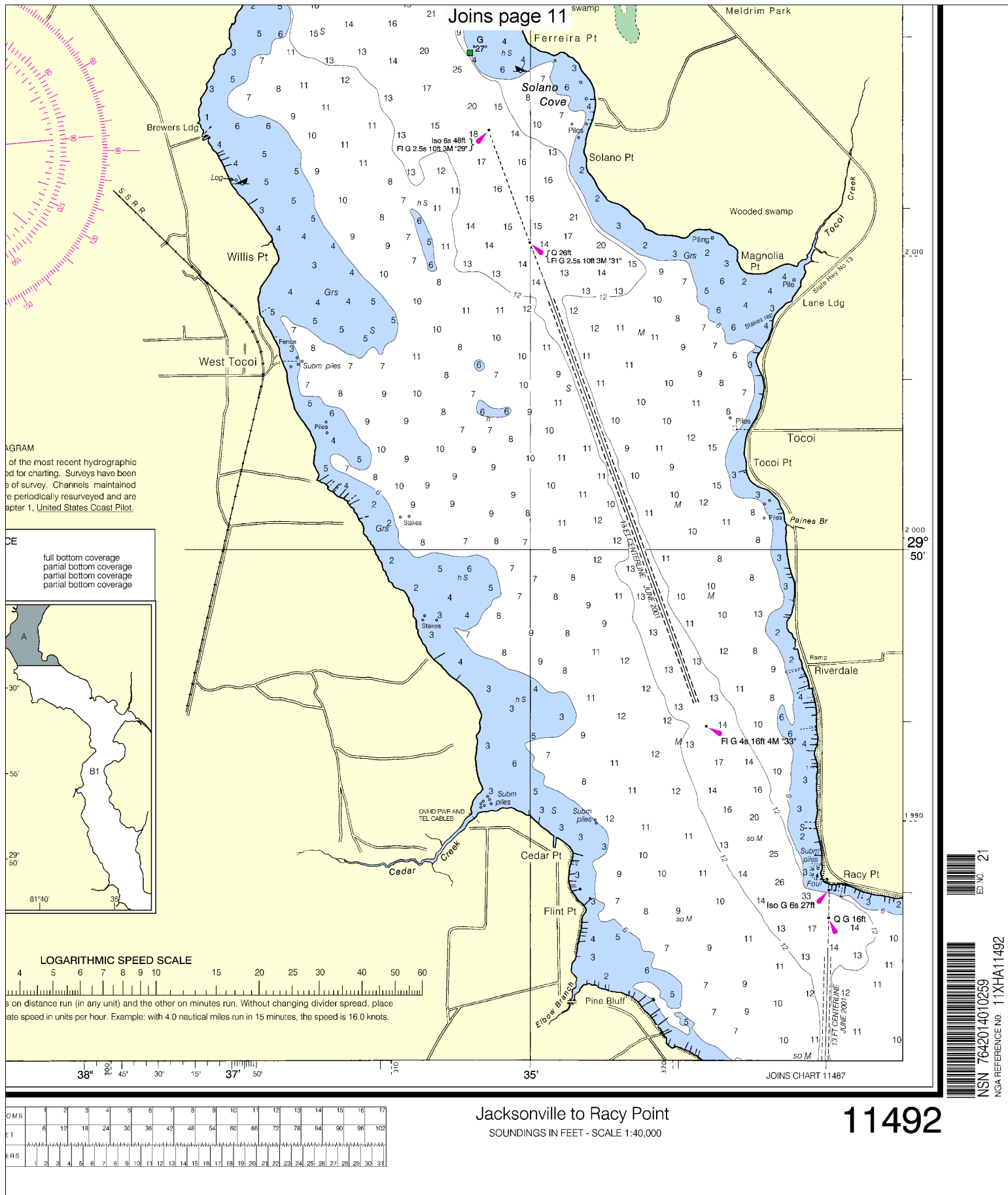
Printed at reduced scale.

SCALE 1:40,000  
 Nautical Miles

See Note on page 5.









EMERGENCY INFORMATION

## VHF Marine Radio channels for use on the waterways:

**Channel 6** – Inter-ship safety communications.

**Channel 9** – Communications between boats and ship-to-coast.

**Channel 13** – Navigation purposes at bridges, locks, and harbors.

**Channel 16** – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

**Channel 22A** – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

**Channels 68, 69, 71, 72 and 78A** – Recreational boat channels.

**Getting and Giving Help** — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

## Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

**HAVE ALL PERSONS PUT ON LIFE JACKETS!**



**NOAA Weather Radio All Hazards (NWR)** is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

## Quick References

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Chart and chart related inquiries and comments	—	<a href="http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs">http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs</a>
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Tides and Currents	—	<a href="http://tidesandcurrents.noaa.gov">http://tidesandcurrents.noaa.gov</a>
Marine Forecasts	—	<a href="http://www.nws.noaa.gov/om/marine/home.htm">http://www.nws.noaa.gov/om/marine/home.htm</a>
National Data Buoy Center	—	<a href="http://www.ndbc.noaa.gov/">http://www.ndbc.noaa.gov/</a>
NowCoast web portal for coastal conditions	—	<a href="http://www.nowcoast.noaa.gov/">http://www.nowcoast.noaa.gov/</a>
National Weather Service	—	<a href="http://www.weather.gov/">http://www.weather.gov/</a>
National Hurricane Center	—	<a href="http://www.nhc.noaa.gov/">http://www.nhc.noaa.gov/</a>
Pacific Tsunami Warning Center	—	<a href="http://ptwc.weather.gov/">http://ptwc.weather.gov/</a>
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NOAA's Office of Coast Survey



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